

Amendment of the Sequence Listing

Please introduce into the application the attached pages marked "Sequence Listing." In accordance with 37 C.F.R. § 1.823(a)(1), the pages of the "Sequence Listing" are numbered independently of the numbering of the remainder of the application.

SEQUENCE LISTING

<110> Lockyer, Peter

<120> Methods for identifying compounds interacting with small membrane-bound GTP-ases

<130> MKC-008

<140> 10/560,956

<141> 2005-12-15

<150> GB0314980.4

<151> 2003-06-26

<160> 17

<170> PatentIn version 3.3

<210> 1

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> CAPRI activating peptide (pseudo-RACK1)

<400> 1

Cys Val Glu Ala Trp Asp
1 5

<210> 2

<211> 18

<212> DNA

<213> Artificial sequence

<220>

<223> coding sequence for SEQ ID NO: 1 CVEAWD (667-684 of Genbank AY029206)

<400> 2

tgcgtggagg cctgggac

18

<210> 3
<211> 13
<212> PRT
<213> Artificial sequence

<220>
<223> CAPRI inhibitory peptide (C2-2)
<400> 3
Lys Asp Arg Asn Gly Thr Ser Asp Pro Phe Val Arg Val
1 5 10

<210> 4
<211> 39
<212> DNA
<213> Artificial sequence

<220>
<223> Coding sequence for SEQ ID NO: 3 KDRNGTSDPFVRV (520-558 of Genbank AY029206)
<400> 4
aaggaccgca atggcacatc tgacccttc gtccgagtg 39

<210> 5
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> CAPRI inhibitory peptide (C2-4)
<400> 5
Ser Cys Tyr Pro Arg Trp Asn Glu Thr
1 5

<210> 6
<211> 27

<212> DNA

<213> Artificial sequence

<220>

<223> Coding sequence for SEQ ID NO: 5 SCYPRWNET (601-627 of Genbank AY029206)

<400> 6
tcatgctacc cacgctggaa tgagacg

27

<210> 7

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> RASAL activating peptide (pseudo-RACK1)

<400> 7

Arg Val Glu Leu Trp Asp
1 5

<210> 8

<211> 18

<212> RNA

<213> Artificial sequence

<220>

<223> Coding sequence for SEQ ID NO: 7 RVELWD (882-899 of Genbank NM_004658)

<400> 8
cggguggagc ucugggac

18

<210> 9

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> RASAL inhibitory peptide (C2-4)

<400> 9

Thr Arg Phe Pro His Trp Asp Glu Val
1 5

<210> 10

<211> 27

<212> RNA

<213> Artificial sequence

<220>

<223> Coding sequence for SEQ ID NO: 9 TRFPHWDEV (816-842 of GenBank NM_004658)

<400> 10
acucgcuucc cgcacuggga ugaagug 27

<210> 11

<211> 13

<212> PRT

<213> Artificial sequence

<220>

<223> RASAL inhibitory peptide (C2-4)

<400> 11

Arg Asp Ile Ser Gly Thr Ser Asp Pro Phe Ala Arg Val
1 5 10

<210> 12

<211> 45

<212> RNA

<213> Artificial sequence

<220>

<223> Coding sequence for SEQ ID No: 11 RDISGTSDPFARV (729-773 of GenBank NM_004658)

<400> 12
gcucccagag acaucucugg cacaucugac ccauuugcac gugug

45

<210> 13
<211> 91
<212> PRT
<213> Artificial

<220>
<223> PKCbeta C2B domain sequence alignment

<400> 13

Leu Ile Val Leu Val Arg Asp Ala Lys Asn Leu Val Pro Met Asp Pro
1 5 10 15

Asn Gly Leu Ser Asp Pro Tyr Val Lys Leu Lys Leu Ile Pro Asp Pro
20 25 30

Lys Ser Glu Ser Lys Gln Lys Thr Lys Thr Ile Lys Cys Ser Leu Asn
35 40 45

Pro Glu Trp Asn Glu Thr Phe Arg Phe Gln Leu Lys Glu Ser Asp Lys
50 55 60

Asp Arg Arg Leu Ser Val Glu Ile Trp Asp Trp Asp Leu Thr Ser Arg
65 70 75 80

Asn Asp Phe Met Gly Ser Leu Ser Phe Gly Ile
85 90

<210> 14
<211> 85
<212> PRT
<213> Artificial

<220>
<223> CAPRI sequence alignment

<400> 14

Leu Arg Cys Ser Val Leu Glu Ala Arg Asp Leu Ala Pro Lys Asp Arg
1 5 10 15

Asn Gly Thr Ser Asp Pro Phe Val Arg Val Arg Tyr Lys Gly Arg Thr
20 25 30

Arg Glu Thr Ser Ile Val Lys Lys Ser Cys Tyr Pro Arg Trp Asn Glu
35 40 45

Thr Phe Glu Phe Glu Leu Gln Glu Gly Ala Met Glu Ala Leu Cys Val
50 55 60

Glu Ala Trp Asp Trp Asp Leu Val Ser Arg Asn Asp Phe Leu Gly Lys
65 70 75 80

Val Val Ile Asp Val
85

<210> 15
<211> 11
<212> PRT
<213> Artificial

<220>
<223> GAP1Am segment sequence alignment

<400> 15

Thr Val Cys Gln Gln Leu Val Val His Ile Lys
1 5 10

<210> 16
<211> 44
<212> PRT
<213> Artificial

<220>
<223> GAP1Am segment sequence alignment

<400> 16

Leu Pro Leu Ile Asn Gly Gln Ser Cys Asp Pro Tyr Ala Thr Val Ser
1 5 10 15

Leu Val Gly Pro Ser Arg Asn Asp Gln Lys Lys Thr Lys Val Lys Lys
20 25 30

Lys Thr Ser Asn Pro Gln Phe Asn Glu Ile Phe Tyr
35 40

<210> 17
<211> 36
<212> PRT
<213> Artificial

<220>
<223> GAP1Am segment sequence alignment

<400> 17

Phe Gln Val Glu Glu Glu Asp Ile Glu Lys Leu Glu Ile Arg Ile Asp
1 5 10 15

Leu Trp Asn Asn Gly Asn Leu Val Gln Asp Val Phe Leu Gly Glu Ile
20 25 30

Lys Val Pro Val
35